



## OFFICE OF THE PLANNING DIRECTOR

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### **Application and Checklist for Building Permit for a Small Wind Energy System per the Town of Amherst Ordinance Art. III, Sec. 3.14; and Subsec. 3.14.1 and 3.14.2**

Owner(s): \_\_\_\_\_ Address: \_\_\_\_\_  
Tel: \_\_\_\_\_ Location of work: Map: \_\_\_\_ Lot: \_\_\_\_ - \_\_\_\_ Zoning: \_\_\_\_\_ Hist. Dist. \_\_\_\_yes; \_\_\_\_no  
Description of proposed construction: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Building Permit – Fee: \$ 94 + ( \$ 7 x \_\_\_\_ abut = \$ \_\_\_\_ ) = \$ \_\_\_\_ Paid: \_\_\_\_\_ Date: \_\_\_\_\_

Contractors: Include a copy of License (for electrical and plumbing) and business card

Electrical: Name: \_\_\_\_\_ License: \_\_\_\_\_ Expires: \_\_\_\_\_

Address: \_\_\_\_\_ Tel: \_\_\_\_\_

Building Contractor: Name: \_\_\_\_\_ Tel: \_\_\_\_\_

Address: \_\_\_\_\_

I, the undersigned, hereby certify that the names listed as abutters are accurate and correct to the best of my knowledge and belief. I acknowledge that it is my responsibility to check such other sources that are available to insure that any and all persons entitled to notification receive same, and hereby certify I have done so. In addition, I certify that that all the requirements of the ordinance are fulfilled and complete.

**Signature of Owner:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Note:** If not signed by owner a letter of authorization to proceed from owner is required. (v 1.14.09)

Please do not write below – for staff only

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Application with site plan (two copies) containing: \_\_\_\_ yes \_\_\_\_ no

- 1/ Property lines and physical dimensions of property. \_\_\_\_ yes \_\_\_\_ no
- 2/ Location and dimensions and types of major structures on property. \_\_\_\_ yes \_\_\_\_ no
- 3/ Location of small wind energy system, foundation, guy anchors and associated equipment.  
\_\_\_\_ yes \_\_\_\_ no
- 4/ Tower foundation plans. \_\_\_\_ yes \_\_\_\_ no
- 5/ Tower plans. \_\_\_\_ yes \_\_\_\_ no
- 6/ Setback requirements (show setback lines and legend). \_\_\_\_ yes \_\_\_\_ no
- 7/ Right of way of public road that abuts property. \_\_\_\_ yes \_\_\_\_ no
- 8/ Overhead utility lines. \_\_\_\_ yes \_\_\_\_ no
- 9/ Wind energy system specifications, including manufacturer, model, rotor diameter, tower height, tower type, nameplate generator capacity. \_\_\_\_ yes \_\_\_\_ no
- 10/ If connected to power grid, include copy of application for interconnection with electric utility provider.  
\_\_\_\_ yes \_\_\_\_ no \_\_\_\_ na
- 11/ Sound level analysis prepared by wind generator manufacturer or qualified engineer. \_\_\_\_ yes \_\_\_\_ no
- 12/ Electrical components in sufficient detail to allow determination that the installation conforms to NH State Building Code. \_\_\_\_ yes \_\_\_\_ no
- 13/ Evidence of compliance or non-applicability with Federal Aviation Administration requirements.  
\_\_\_\_ yes \_\_\_\_ no

14/ Typed list of abutters, with addresses, to the owner's property. Include three (3) sets of typed gummed labels (1" x 2.5"). ☐ yes ☐ no

Regional Impact –

Building Inspector Determination: ☐ no; ☐ yes ( if so include an additional \$ 7 per notification and provide three (3) sets of typed gummed labels for each).

Standards –

1/ Setbacks:

- a/ Occupied buildings on property: system height \_\_\_\_\_ x 0 = \_\_\_\_\_ Plan \_\_\_\_\_
- b/ Occupied buildings on abutting property: system height \_\_\_\_\_ x 1.5 = \_\_\_\_\_ Plan \_\_\_\_\_
- c/ Property lines of abutting property; utility lines: system height \_\_\_\_\_ x 1.1=\_\_\_\_\_ Plan \_\_\_\_\_
- d/ Public roads: system height \_\_\_\_\_ x 1.5 = \_\_\_\_\_ Plan \_\_\_\_\_
- e/ Town setbacks: \_\_\_\_\_

2/ Tower:

a/ Height: \_\_\_\_\_ feet (max. 150 feet); above tree canopy: \_\_\_\_\_ feet (max. 35 feet above tree canopy within 300 feet of system)

b/ Sound level: \_\_\_\_\_ dBA (max. 55 dBA at site property line)

3/ Shadow flicker: \_\_\_\_\_ hours per year (max. 30 hours per year - applicant to provide proof of claimed hours).

4/ Signs not allowed

5/ Code compliance: ☐ yes; ☐ no (all applicable sections of NH State Building Code)

6/ Aviation: ☐ yes; ☐ no (all FAA regs; 14 CFR, subpart B; NH RSA 422-b and RSA 424)

7/ Visual impacts: ☐ yes; ☐ no; comments: \_\_\_\_\_

a/ Site planning: screening of ground mounted electrical and control equipment: ☐ yes; ☐ no

b/ Electrical conduits underground: ☐ yes; ☐ no

c/ Color: ☐ stock color; ☐ white; ☐ off-white; ☐ gray; ☐ unobtrusive

d/ Lighting: ☐ yes; ☐ no; (not allowed unless required by FAA – if so provide copy of FAA determination)

8/ Approved wind generators: ☐ yes; ☐ no: (must be approved by California Energy Commission, New York State Energy Research and Development Authority, or NH if available)

9/ Utility connection per RSA 362-A:9: ☐ yes; ☐ no; (applicant to submit documentation)

10/ Access: No ladder or step bolts within eight (8) feet of ground: ☐ yes; ☐ no; ground mounted electrical and control equipment to be labeled and secured: ☐ yes; ☐ no

11/ Clearing: Only such as required for construction, operation, and maintenance of system:  
☐ yes; ☐ no

Staff comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_